

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S2	1	("20040179358").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/01/21 12:51
S3	9	((("re37113") or ("2587807") or ("4625266") or ("5122933") or ("6371634") or ("6461028") or ("6474851"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/01/21 12:52
S4	25	("1779180"   "2300067"   "2561756"   "3722876"   "4245281"   "4360859"   "4445163"   "4740870"   "4954932"   "4964760"   "5268824"   "5304993"   "5636916"   "5915830").PN. OR ("6371634").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/01/21 15:12

## EAST Search History

S5	134	("1647014"   "1729274"   "1779180"   "1972283"   "2277433"   "2300067"   "2339085"   "2525001"   "2561756"   "2587807"   "2930885"   "2959146"   "3140111"   "3196265"   "3197189"   "3317722"   "3359030"   "3473836"   "3551723"   "3612848"   "3639748"   "3675527"   "3722876"   "3865358"   "3885144"   "4107767"   "4213644"   "4245281"   "4270787"   "4360859"   "4376966"   "4418378"   "4445163"   "4625266"   "4740870"   "4947293"   "4954932"   "4955044"   "4964760"   "4979081"   "4996634"   "5023762"   "5060122"   "5096753"   "5122933"   "5180223"   "5268824"   "5304993"   "5337225"   "5410458"   "5430627"   "5434013"   "5469342"   "5475574"   "5485355"   "5495401"   "5497303"   "5499170"   "5523923"   "5566384"   "5570945"   "5579429"   "5611621"   "5613750"   "5636916"   "5678914"   "5680496"   "5711592"   "5730079"   "5737472"   "5746501"   "5775016"   "5869930"   "5871269"   "5873646"   "5895115"   "5903695"   "5915830"   "5917288"   "6019476"   "6033085"   "6050211"   "6065852"   "6074071"   "6082867"   "6113246"   "6120160"   "6129442"   "6149288"   "6152586"   "6179431"   "6186649"   "6231217"   "6270229"   "6278827"   "6364293"   "6371634"   "6397949"   "6450678"   "6461028"   "6474851"   "6511204"   "6523986"   "6526200"   "6742916"   "RE37113").PN. OR ("6461028"   "6733161"   "6817731"   "6921184").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/01/21 15:15
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## EAST Search History

S6	101	("1779180" "2277433" "2300067" "2339085" "2561756" "2587807" "2930885" "20030209183" "3196265" "3317722" "3551723" "3612848" "3639748" "3675527" "3722876" "3885144" "4107767" "4213644" "4245281" "4360859" "4376966" "4418378" "4445163" "4625266" "4740870" "4947293" "4954932" "4955044" "4964760" "5023762" "5122933" "5180223" "5268824" "5304993" "5337225" "5410458" "5430627" "5434013" "5469342" "5475574" "5485355" "5495401" "5566384" "5570945" "5579429" "5611621" "5636916" "5680496" "5730079" "5737472" "5746501" "5869930" "5871269" "5873646" "5903695" "5915830" "5971288" "6033085" "6065852" "6074071" "6082867" "6113246" "6129442" "6179431" "6186649" "6231217" "6270229" "6278827" "6371634" "6461028" "6467028" "6474851" "6511204" "6523986" "6526200" "6655824" "6733161" "6742916" "6817731" "6837591" "6869202" "6883931" "6921184" "RE37113").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2006/11/21 13:33
S7	0	"9900673".did.	FPRS; EPO	ADJ	ON	2006/11/21 15:11
S8	781	hoffman.in.	FPRS; EPO	ADJ	ON	2006/11/21 15:11
S9	351	S8 and @pd>"19990316"	FPRS; EPO	ADJ	ON	2006/11/21 15:12
S10	4	("5430627"   "5499170"   "5791764"   "6152573").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/11/21 15:16
S11	35	("3885144"   "4271458"   "4544996"   "4612606"   "4625266"   "4665470"   "5045981"   "5222799"   "D311588"   "D312135").PN. OR ("5430627").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/11/21 15:17
S12	1	("6655824").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/11/21 15:20
S13	1	("20040179358").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/11/21 15:28
S14	9	((("re37113") or ("2587807") or ("4625266") or ("5122933") or ("6371634") or ("6461028") or ("6474851")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/11/21 15:28

## EAST Search History

S15	26	("1779180"   "2300067"   "2561756"   "3722876"   "4245281"   "4360859"   "4445163"   "4740870"   "4954932"   "4964760"   "5268824"   "5304993"   "5636916"   "5915830").PN. OR ("6371634").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/11/21 15:28
S16	137	("1647014"   "1729274"   "1779180"   "1972283"   "2277433"   "2300067"   "2339085"   "2525001"   "2561756"   "2587807"   "2930885"   "2959146"   "3140111"   "3196265"   "3197189"   "3317722"   "3359030"   "3473836"   "3551723"   "3612848"   "3639748"   "3675527"   "3722876"   "3865358"   "3885144"   "4107767"   "4213644"   "4245281"   "4270787"   "4360859"   "4376966"   "4418378"   "4445163"   "4625266"   "4740870"   "4947293"   "4954932"   "4955044"   "4964760"   "4979081"   "4996634"   "5023762"   "5060122"   "5096753"   "5122933"   "5180223"   "5268824"   "5304993"   "5337225"   "5410458"   "5430627"   "5434013"   "5469342"   "5475574"   "5485355"   "5495401"   "5497303"   "5499170"   "5523923"   "5566384"   "5570945"   "5579429"   "5611621"   "5613750"   "5636916"   "5678914"   "5680496"   "5711592"   "5730079"   "5737472"   "5746501"   "5775016"   "5869930"   "5871269"   "5873646"   "5895115"   "5903695"   "5915830"   "5917288"   "6019476"   "6033085"   "6050211"   "6065852"   "6074071"   "6082867"   "6113246"   "6120160"   "6129442"   "6149288"   "6152586"   "6179431"   "6186649"   "6231217"   "6270229"   "6278827"   "6364293"   "6371634"   "6397949"   "6450678"   "6461028"   "6474851"   "6511204"   "6523986"   "6526200"   "6742916"   "RE37113").PN. OR ("6461028"   "6733161"   "6817731"   "6921184").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/11/21 15:28

## EAST Search History

S17	101	("1779180" "2277433" "2300067" "2339085" "2561756" "2587807" "2930885" "20030209183" "3196265" "3317722" "3551723" "3612848" "3639748" "3675527" "3722876" "3885144" "4107767" "4213644" "4245281" "4360859" "4376966" "4418378" "4445163" "4625266" "4740870" "4947293" "4954932" "4955044" "4964760" "5023762" "5122933" "5180223" "5268824" "5304993" "5337225" "5410458" "5430627" "5434013" "5469342" "5475574" "5485355" "5495401" "5566384" "5570945" "5579429" "5611621" "5636916" "5680496" "5730079" "5737472" "5746501" "5869930" "5871269" "5873646" "5903695" "5915830" "5971288" "6033085" "6065852" "6074071" "6082867" "6113246" "6129442" "6179431" "6186649" "6231217" "6270229" "6278827" "6371634" "6461028" "6467028" "6474851" "6511204" "6523986" "6526200" "6655824" "6733161" "6742916" "6817731" "6837591" "6869202" "6883931" "6921184" "RE37113").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2006/11/21 15:28
S18	1	("20040179358").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/04/18 18:14
S19	9	((("re37113") or ("2587807") or ("4625266") or ("5122933") or ("6371634") or ("6461028") or ("6474851"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/04/18 18:14
S20	26	("1779180"   "2300067"   "2561756"   "3722876"   "4245281"   "4360859"   "4445163"   "4740870"   "4954932"   "4964760"   "5268824"   "5304993"   "5636916"   "5915830").PN. OR ("6371634").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/18 18:14

## EAST Search History

S21	137	("1647014"   "1729274"   "1779180"   "1972283"   "2277433"   "2300067"   "2339085"   "2525001"   "2561756"   "2587807"   "2930885"   "2959146"   "3140111"   "3196265"   "3197189"   "3317722"   "3359030"   "3473836"   "3551723"   "3612848"   "3639748"   "3675527"   "3722876"   "3865358"   "3885144"   "4107767"   "4213644"   "4245281"   "4270787"   "4360859"   "4376966"   "4418378"   "4445163"   "4625266"   "4740870"   "4947293"   "4954932"   "4955044"   "4964760"   "4979081"   "4996634"   "5023762"   "5060122"   "5096753"   "5122933"   "5180223"   "5268824"   "5304993"   "5337225"   "5410458"   "5430627"   "5434013"   "5469342"   "5475574"   "5485355"   "5495401"   "5497303"   "5499170"   "5523923"   "5566384"   "5570945"   "5579429"   "5611621"   "5613750"   "5636916"   "5678914"   "5680496"   "5711592"   "5730079"   "5737472"   "5746501"   "5775016"   "5869930"   "5871269"   "5873646"   "5895115"   "5903695"   "5915830"   "5917288"   "6019476"   "6033085"   "6050211"   "6065852"   "6074071"   "6082867"   "6113246"   "6120160"   "6129442"   "6149288"   "6152586"   "6179431"   "6186649"   "6231217"   "6270229"   "6278827"   "6364293"   "6371634"   "6397949"   "6450678"   "6461028"   "6474851"   "6511204"   "6523986"   "6526200"   "6742916"   "RE37113").PN. OR ("6461028"   "6733161"   "6817731"   "6921184").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/18 18:14
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## EAST Search History

S22	101	("1779180" "2277433" "2300067" "2339085" "2561756" "2587807" "2930885" "20030209183" "3196265" "3317722" "3551723" "3612848" "3639748" "3675527" "3722876" "3885144" "4107767" "4213644" "4245281" "4360859" "4376966" "4418378" "4445163" "4625266" "4740870" "4947293" "4954932" "4955044" "4964760" "5023762" "5122933" "5180223" "5268824" "5304993" "5337225" "5410458" "5430627" "5434013" "5469342" "5475574" "5485355" "5495401" "5566384" "5570945" "5579429" "5611621" "5636916" "5680496" "5730079" "5737472" "5746501" "5869930" "5871269" "5873646" "5903695" "5915830" "5971288" "6033085" "6065852" "6074071" "6082867" "6113246" "6129442" "6179431" "6186649" "6231217" "6270229" "6278827" "6371634" "6461028" "6467028" "6474851" "6511204" "6523986" "6526200" "6655824" "6733161" "6742916" "6817731" "6837591" "6869202" "6883931" "6921184" "RE37113").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/04/18 18:14
S23	26	("1779180"   "2300067"   "2561756"   "3722876"   "4245281"   "4360859"   "4445163"   "4740870"   "4954932"   "4964760"   "5268824"   "5304993"   "5636916"   "5915830").PN. OR ("6371634").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/18 18:14
S24	9	((("re37113") or ("2587807") or ("4625266") or ("5122933") or ("6371634") or ("6461028") or ("6474851")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/04/18 18:14
S25	4	("5430627"   "5499170"   "5791764"   "6152573").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/18 18:14
S26	36	("3885144"   "4271458"   "4544996"   "4612606"   "4625266"   "4665470"   "5045981"   "5222799"   "D311588"   "D312135").PN. OR ("5430627").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/18 18:14

## EAST Search History

S27	101	("1779180" "2277433" "2300067" "2339085" "2561756" "2587807" "2930885" "20030209183" "3196265" "3317722" "3551723" "3612848" "3639748" "3675527" "3722876" "3885144" "4107767" "4213644" "4245281" "4360859" "4376966" "4418378" "4445163" "4625266" "4740870" "4947293" "4954932" "4955044" "4964760" "5023762" "5122933" "5180223" "5268824" "5304993" "5337225" "5410458" "5430627" "5434013" "5469342" "5475574" "5485355" "5495401" "5566384" "5570945" "5579429" "5611621" "5636916" "5680496" "5730079" "5737472" "5746501" "5869930" "5871269" "5873646" "5903695" "5915830" "5971288" "6033085" "6065852" "6074071" "6082867" "6113246" "6129442" "6179431" "6186649" "6231217" "6270229" "6278827" "6371634" "6461028" "6467028" "6474851" "6511204" "6523986" "6526200" "6655824" "6733161" "6742916" "6817731" "6837591" "6869202" "6883931" "6921184" "RE37113").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2007/04/18 18:14
S28	1	("20040179358").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/04/18 18:14
S29	824	hoffman.in.	FPRS; EPO	ADJ	ON	2007/04/18 18:14
S30	394	S29 and @pd>"19990316"	FPRS; EPO	ADJ	ON	2007/04/18 18:14
S31	1	("6655824").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/04/18 18:14
S32	0	"9900673".did.	FPRS; EPO	ADJ	ON	2007/04/18 18:14



## EAST Search History

S33	137	("1647014"   "1729274"   "1779180"   "1972283"   "2277433"   "2300067"   "2339085"   "2525001"   "2561756"   "2587807"   "2930885"   "2959146"   "3140111"   "3196265"   "3197189"   "3317722"   "3359030"   "3473836"   "3551723"   "3612848"   "3639748"   "3675527"   "3722876"   "3865358"   "3885144"   "4107767"   "4213644"   "4245281"   "4270787"   "4360859"   "4376966"   "4418378"   "4445163"   "4625266"   "4740870"   "4947293"   "4954932"   "4955044"   "4964760"   "4979081"   "4996634"   "5023762"   "5060122"   "5096753"   "5122933"   "5180223"   "5268824"   "5304993"   "5337225"   "5410458"   "5430627"   "5434013"   "5469342"   "5475574"   "5485355"   "5495401"   "5497303"   "5499170"   "5523923"   "5566384"   "5570945"   "5579429"   "5611621"   "5613750"   "5636916"   "5678914"   "5680496"   "5711592"   "5730079"   "5737472"   "5746501"   "5775016"   "5869930"   "5871269"   "5873646"   "5895115"   "5903695"   "5915830"   "5917288"   "6019476"   "6033085"   "6050211"   "6065852"   "6074071"   "6082867"   "6113246"   "6120160"   "6129442"   "6149288"   "6152586"   "6179431"   "6186649"   "6231217"   "6270229"   "6278827"   "6364293"   "6371634"   "6397949"   "6450678"   "6461028"   "6474851"   "6511204"   "6523986"   "6526200"   "6742916"   "RE37113").PN. OR ("6461028"   "6733161"   "6817731"   "6921184").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/18 18:14
S34	4	(US-5410458-\$ or US-5499170-\$ or US-5680496-\$ or US-6921184-\$). did.	USPAT	ADJ	ON	2007/06/28 10:33